## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/17057

IPC(7) : HO2K 1/27, 7/102, 16/00; 21/12 US CL : 310/92, 112, 15.6.02  According to International Patent Classification (IPC) or to both national classification and IPC  B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols) U.S.: 310/92, 112, 156.02  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  NONE  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.  Y US 6,043,579 A (HILL) 28 March 2000 (28.03.2000), column 3, lines 35-57; column 4, lines 57-60; Figure 1.  Y US 2,006,172 A (KLAPPAUF) 25 June 1935 (25.06.1935), column 1, lines 6-18; Figure 2.  Y US 4,529,902 A (LORDO) 16 July 1985 (16.07.1985), column 1, lines 19-24; Figures 1-3.  Y US 5,365,137 A (RICHARDSON et al) 15 November 1994 (15.11.1994), column 2, line 59  - column 3, line 2; Figures 1-2.  Y US 4,019,406 A (HERR) 26 April 1977 (26.04.1977), column 4, line 65 - column 5, line 5; column 6, lines 56-69; Figure 6.  Purther documents are listed in the continuation of Box C.  **Special categories of cited documents*  **P earlier application or passar published on or after the international filing date or priority date in which is the application but cited to understand the principle or disony underlying the invention cannot be considered to the considered to linviving the invention cannot be considered on the publication date of another classion or other special reason (as 59-citied document is provided and control to considered to linviving the invention cannot be considered on the considered to linviving the threated invention cannot be considered on the publication date of another classion or other special reason (as 59-citied document is the considered to linvivin the spolitical of docum	CT A	COURT A PROPERTY OF CHAPTER CO. A. C.			
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